

FLOOD HAZARD - DISTRICT 2

STATE PLAN

Goal 3: Mitigate the potential loss of life and property from flooding.

Objective 3.1: Increase the public awareness of flood mitigation.

Objective 3.2: Reduce the number of current and future structures in the floodplain.

Objective 3.3: Prevent flooding of structures and infrastructure from inadequate storm drainage and poorly designed irrigation waterways.

Objective 3.4: Provide adequate warning of flooding events.

Objective 3.5: Improve the effectiveness of flood insurance programs.

Objective 3.6: Reduce the risk of dam or levee failure.

COUNTY	MITIGATION PROJECT	PRIORITY
Blackfeet Reservation	Provide NOAA weather radios to residents downstream from dams.	M
Blackfeet Reservation	Implement zoning below and around dams.	M
Blackfeet Reservation	Develop protocol for notifying Canada in the event of Sherburne Dam breach.	M
Blackfeet Reservation	Develop evacuation plans, including means of transporting people and evacuation routes.	M
Blackfeet Reservation	Equip dams with sirens to alert downstream residents of impending breach.	M
Blackfeet Reservation	Install an early warning system to interface with dispatch at Tribal headquarters.	M
Blackfeet Reservation	Install movement sensors on faces of dams to detect pending failure.	M
Blackfeet Reservation	Implement a flood warning system.	M
Blackfeet Reservation	Create floodplain ordinances.	M

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COUNTY	MITIGATION PROJECT	PRIORITY
Blackfeet Reservation	Create planning and zoning guidelines for development within the floodplain.	M
Blackfeet Reservation	Consider structural projects such as diversions or levees to protect Tribal infrastructure located in floodplain from damage.	M
Blackfeet Reservation	Consider flood proofing options for critical facilities located in floodplain.	H
Blackfeet Reservation	Install backflow valves at homes in floodplain.	M
Blackfeet Reservation	Consider mitigation options (including relocation) for homes repeatedly flooded.	M
Blackfeet Reservation	Complete floodplain mapping and elevation survey of structures in the floodplain.	M
Blackfeet Reservation	Evaluate structural soundness of dams.	M
Blaine	Equip Dry Fork Dam (north of Chinook) with siren system to alert downstream residents of hazard.	M
Blaine	Obtain siren for Dry Fork Dam.	M

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COUNTY	MITIGATION PROJECT	PRIORITY
Blaine	Consider mitigation options for homes repeatedly flooded along Thirtymile Creek.	M
Blaine	Install culverts on sections of road impacted by flooding.	H
Fort Belknap Reservation	Install larger concrete culverts in Lodgepole.	M
Fort Belknap Reservation	Install culverts on sections of road impacted by flooding.	M
Glacier	Map flood prone areas.	L
Glacier	Develop land use policies.	L
Glacier	Install culverts in areas where flooding could cause potential significant losses.	M
Glacier	Develop countywide growth plan.	L
Glacier	Conduct educational awareness of NFIP with the general public.	M
Hill	Repair Henry Bridge near Box Elder and eliminate culverts.	L

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COUNTY	MITIGATION PROJECT	PRIORITY
Liberty	Increase the hydraulic capacity of Cottonwood Creek floodway by re-channeling flow through the BNSF reservoir.	H
Liberty	After implementing Cottonwood Creek hydraulic projects, work with FEMA to adjust the floodplain boundary and remove property from the floodplain.	M
Liberty	Increase the hydraulic capacity of Cottonwood Creek floodway by removing debris that is impeding water flow.	H
Liberty	Protect the bridge abutments from water erosion on the county's historic Pubsley Bridge over the Marias River.	M
Pondera	Conduct educational awareness of NFIP with the general public.	M
Pondera	Develop land use policies.	L
Pondera	Develop countywide growth plan.	L
Pondera	Install culverts in areas where flooding could cause potential significant losses.	M
Pondera	Map all areas prone to flood.	L

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COUNTY	MITIGATION PROJECT	PRIORITY
Rocky Boy's Reservation	Install larger culverts on sections of road impacted by flooding.	M
Rocky Boy's Reservation	Equip Bonneau Dam with sirens to alert downstream residents of impending breach.	M
Rocky Boy's Reservation	Complete elevation survey of structures in the floodplain.	H
Rocky Boy's Reservation	Identify alternate location of emergency shelter in Box Elder since current shelter (Box Elder School) is located in floodplain.	M
Rocky Boy's Reservation	Consider structural projects such as diversions to protect Tribal infrastructure located in floodplain from damage.	M
Rocky Boy's Reservation	Create planning and zoning guidelines for development within the floodplain.	H
Rocky Boy's Reservation	Create floodplain ordinances.	H
Rocky Boy's Reservation	Enter in to National Flood Insurance Program.	H
Rocky Boy's Reservation	Consider flood proofing options for Box Elder School located in floodplain.	M

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COUNTY	MITIGATION PROJECT	PRIORITY
Rocky Boy's Reservation	Install an early warning system on Bonneau Dam to interface with dispatch at Tribal headquarters.	M
Rocky Boy's Reservation	Perform maintenance (clean out wood debris) on drainage systems below dams.	M
Rocky Boy's Reservation	Provide NOAA weather radios to residents downstream from Bonneau Dam & in Box Elder.	H
Rocky Boy's Reservation	Develop evacuation plans, including means of transporting people and evacuation routes.	H
Rocky Boy's Reservation	Secure propane and/or fuel tanks at homes in floodplain.	M
Rocky Boy's Reservation	Complete floodplain mapping.	H
Rocky Boy's Reservation	Install backflow valves at homes in floodplain.	M
Rocky Boy's Reservation	Consider mitigation options for homes repeatedly flooded.	M
Rocky Boy's Reservation	Install movement sensors on face of Bonneau Dam to detect pending failure.	M

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COUNTY	MITIGATION PROJECT	PRIORITY
Teton	Current Teton River bypass to Bynum reservoir needs increased flow capacity and hardening to accommodate high flows.	N
Teton	Reconstruction of Teton River Diversion Gate to improve debris removal during flood events.	N
Teton	Encourage participation in National Flood Insurance Program.	N
Teton	Assess stability and upgrade irrigation canal head gates.	N
Teton	Conduct an inventory of all bridges and culverts in Teton County.	N
Teton	Design and construct a flood water by-pass around the Teton River Diversion Gate and located above bank full width.	N
Teton	Assess current condition and reconstruct Spring Creek bridges and culverts on 1st Street, Rodeo Road, Airport Road and 3rd Street in Choteau.	N
Teton	Install back up power source to run Bynum Bypass head gates and diversion gates during power outages.	N
Toole	Ensure professional administration of the program.	M
Toole	Resolve status of Sunburst with respect to NFIP.	M